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Filed: September 29, 2000

REMARKS

Applicants acknowledge the receipt of the Office Action dated July 19, 2002 (Paper No. 7), in which the Examiner: 1) rejected claims 1-3 under 35 USC § 102(b) as being anticipated by *Inkinen* (U.S. Pat. No. 5,809,115), 2) rejected claims 23 and 24 under 35 USC § 102(b) as being anticipated by *Casarez et al.* (U.S. Pat. No. 5,913,174), 3) rejected claims 4-6, 8, 10, 18, and 19 under 35 USC § 103(a) as obvious over *Inkinen* in view of *Taylor* (U.S. Patent No. 5,764,693), and 4) objected to claims 7, 9, 12-17, 20-22, 25, and 26 as being dependent upon a rejected base claim (claims allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims).

In this response, Applicants have amended dependent claims 7, 9, 12, 13, 16, 17, 20-22, 25 and 26 to include the limitations found in all respective base and intervening claims. In the interest of facilitating issuance of the allowable claims, Applicants have cancelled all rejected claims. However, the cancellation of these claims does not represent any concession as to the patentability of these claims. Applicants reserve the right to continue prosecution of these claims or any new claims supported by the specification as against the art of record. Hence, the amendments contained herein should place the present application in condition for allowance. Accordingly, Applicants respectfully request reconsideration and request allowance of claims 7, 9, 12, 13, 16, 17, 20-22, 25 and 26.

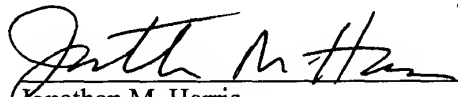
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CONCLUSION

Applicants respectfully request reconsideration and allowance of the pending claims. If the Examiner feels that a telephone conference would expedite the resolution of this case, he is respectfully requested to contact the undersigned.

In the course of the foregoing discussions, Applicants may have at times referred to claim limitations in shorthand fashion, or may have focused on a particular claim element. This discussion should not be interpreted to mean that the other limitations can be ignored or dismissed. The claims must be viewed as a whole, and each limitation of the claims must be considered when determining the patentability of the claims. Moreover, it should be understood that there may be other distinctions between the claims and the prior art which have yet to be raised, but which may be raised in the future. If any fees are inadvertently omitted or if any additional fees are required or have been overpaid, please appropriately charge or credit those fees to Conley, Rose & Tayon, P.C. Deposit Account Number 03-2769/1662-27100/JMH.

Respectfully submitted,



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MARKED-UP VERSION OF AMENDMENTS

IN THE CLAIMS:

1 1. (Cancelled).

1 2. (Cancelled).

1 3. (Cancelled).

1 4. (Cancelled).

1 5. (Cancelled).

1 6. (Cancelled).

1 7. (Once Amended) A wireless network adapter, comprising:
2 wireless communication circuitry encased in a shell, said shell being a detachable molding
3 element of an electronic device;
4 a bus connector adapted to couple the wireless communication circuitry to an expansion
5 bus when the shell is attached to an outer surface of an electronic device having said expansion
6 bus;
7 an RF antenna for communication with a wireless network; and

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8 a radio modem comprising a bus interface, a baseband controller, and a radio transceiver
9 that combine to modulate data onto a radio frequency carrier signal,

10 [The wireless network adapter of claim 4] wherein[:] the RF antenna forms a part of a
11 company logo or identifying mark located on the shell of the wireless network adapter.

1 8. (Cancelled).

1 9. (Once Amended) A wireless network adapter, comprising:

2 wireless communication circuitry encased in a shell, said shell being a detachable molding
3 element of an electronic device;

4 a bus connector adapted to couple the wireless communication circuitry to an expansion
5 bus when the shell is attached to an outer surface of an electronic device having said expansion
6 bus;

7 an RF antenna for communication with a wireless network; and

8 a radio modem comprising a bus interface, a baseband controller, and a radio transceiver
9 that combine to modulate data onto a radio frequency carrier signal,

10 [The wireless network adapter of claim 4] wherein[:] the RF antenna incorporates diversity
11 antenna technology.

1 10. (Cancelled).

11. (Cancelled).

12. (Once Amended) A computer system, comprising:

a system microprocessor;

an expansion bus coupled to the microprocessor and configured to transport data to and from at least one input/output device;

an input/output device operatively coupled to said microprocessor; and

an expansion port connected to the expansion bus, wherein the port is configured to accept a detachable molding element, and

[The computer system of claim 10] wherein[:] the expansion port comprises a recess configured to accept a circuit card assembly comprising:

wireless communication circuitry;

a bus connector adapted to couple the wireless communication circuitry to the expansion bus when the circuit card assembly is attached to the expansion port of the computer system;

an RF antenna for communication with a wireless network; and

a radio modem comprising a circuitry for conversion between digital and modulated analog signals, [; and]

wherein when the detachable molding element is installed, the molding element encases the circuit card assembly and covers the recess in the computer system.

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1 13. (Once Amended) A computer system, comprising:

2 a system microprocessor;

3 an expansion bus coupled to the microprocessor and configured to transport data to and

4 from at least one input/output device;

5 an input/output device operatively coupled to said microprocessor; and

6 an expansion port connected to the expansion bus, wherein the port is configured to accept

7 a detachable molding element, and

8 [The computer system of claim 10] wherein[:] the detachable molding element houses an
9 expansion device.

1 14. The computer system of claim 13, wherein the expansion device is a camera.

1 15. The computer system of claim 13, wherein the expansion device is a biometric security
2 device.

1 16. (Once Amended) A computer system, comprising:

2 a system microprocessor;

3 an expansion bus coupled to the microprocessor and configured to transport data to and

4 from at least one input/output device;

5 an input/output device operatively coupled to said microprocessor; and

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6 an expansion port connected to the expansion bus, wherein the port is configured to accept
7 a detachable molding element, wherein the detachable molding element houses a wireless network
8 adapter comprising:

9 wireless communication circuitry;

10 a bus connector adapted to couple the wireless communication circuitry to the
11 expansion bus when the molding element is attached to the expansion port of the
12 computer system;

13 an RF antenna for communication with a wireless network; and

14 a radio modem comprising a circuitry for conversion between digital and
15 modulated analog signals,

16 [The computer system of claim 11] wherein[:] the RF antenna of the wireless network adapter
17 forms a part of a company logo located on the shell of the molding element.

1 17. (Once Amended) A computer system, comprising:

2 a system microprocessor;

3 an expansion bus coupled to the microprocessor and configured to transport data to and
4 from at least one input/output device;

5 an input/output device operatively coupled to said microprocessor; and

6 an expansion port connected to the expansion bus, wherein the port is configured to accept
7 a detachable molding element, wherein the detachable molding element houses a wireless network
8 adapter comprising:

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9 wireless communication circuitry;

10 a bus connector adapted to couple the wireless communication circuitry to the

11 expansion bus when the molding element is attached to the expansion port of the

12 computer system;

13 an RF antenna for communication with a wireless network; and

14 a radio modem comprising a circuitry for conversion between digital and

15 modulated analog signals,

16 [The computer system of claim 11] wherein[:] the exterior case of the computer system functions
17 as the RF antenna of the wireless network adapter.

1 18. (Cancelled).

1 19. (Cancelled).

1 20. (Once Amended) A computer system, comprising:

2 a system microprocessor;

3 an expansion bus coupled to the microprocessor;

4 an input/output device operatively coupled to said microprocessor; and

5 an expansion port connected to the expansion bus configured to accept a wireless network

6 adapter, said wireless network adapter comprising:

7 wireless communication circuitry;

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8 a bus connector adapted to couple the wireless communication circuitry to the
9 expansion bus when the molding element is attached to the expansion port of the
10 computer system;

11 an RF antenna for communication with a wireless network; and

12 a radio modem comprising a circuitry for conversion between digital and
13 modulated analog signals.

14 wherein the expansion port is attached to the exterior case of the computer system, and

15 [The computer system of claim 19] wherein[:] the RF antenna of the wireless network adapter
16 forms a part of a company logo located on the exterior surface of the wireless network adapter.

1 21. (Once Amended) A computer system, comprising:

2 a system microprocessor;

3 an expansion bus coupled to the microprocessor;

4 an input/output device operatively coupled to said microprocessor; and

5 an expansion port connected to the expansion bus configured to accept a wireless network
6 adapter, said wireless network adapter comprising:

7 wireless communication circuitry;

8 a bus connector adapted to couple the wireless communication circuitry to the
9 expansion bus when the molding element is attached to the expansion port of the
10 computer system;

11 an RF antenna for communication with a wireless network; and

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12 a radio modem comprising a circuitry for conversion between digital and
13 modulated analog signals.

14 wherein the expansion port is attached to the exterior case of the computer system, and

15 [The computer system of claim 19] wherein[:] the RF antenna of the wireless network adapter
16 forms a part of a company logo located on the expansion port of the computer system.

1 22. (Once Amended) A computer system, comprising:

2 a system microprocessor;

3 an expansion bus coupled to the microprocessor;

4 an input/output device operatively coupled to said microprocessor; and

5 an expansion port connected to the expansion bus configured to accept a wireless network

6 adapter, said wireless network adapter comprising:

7 wireless communication circuitry;

8 a bus connector adapted to couple the wireless communication circuitry to the
9 expansion bus when the molding element is attached to the expansion port of the
10 computer system;

11 an RF antenna for communication with a wireless network; and

12 a radio modem comprising a circuitry for conversion between digital and
13 modulated analog signals.

14 wherein the expansion port is attached to the exterior case of the computer system, and

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15 [The computer system of claim 19] wherein[:] the exterior case of the computer system functions
16 as the RF antenna of the wireless network adapter.

1 23. (Cancelled).

1 24. (Cancelled).

1 25. (Once Amended) A laptop computer which comprises:
2 a clamshell case having a shroud and a lid, wherein the shroud has a keyboard which is
3 protected by the lid when the lid is in a closed position, wherein the lid has a
4 display which is protected by the lid when the lid is in the closed position;
5 an expansion port, wherein the expansion port is located proximate to an upper edge of the
6 lid when the lid is in the open position; and
7 a multifunctional module coupled to the expansion port, wherein one of the functions of the
8 multifunctional module is as a wireless link adapter,

9 [The computer of claim 24,] wherein a second of the functions of the multifunctional module is
10 decorative embellishment of the lid.

1 26. (Once Amended) A laptop computer which comprises:

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2 a clamshell case having a shroud and a lid, wherein the shroud has a keyboard which is
3 protected by the lid when the lid is in a closed position, wherein the lid has a
4 display which is protected by the lid when the lid is in the closed position;
5 an expansion port, wherein the expansion port is located proximate to an upper edge of the
6 lid when the lid is in the open position; and
7 a multifunctional module coupled to the expansion port, wherein one of the functions of the
8 multifunctional module is as a wireless link adapter,

9 [The computer of claim 24,] wherein a second of the functions of the multifunctional module is as
10 a latch release for the lid.